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of independent collection. Many of the statements of distribution, principally the negative ones, are too sweeping, as based upon a too limited field experience, and are contradicted by my own observations. To note only a few cases that have struck my attention:

Desmatodon latifolius is said (page 455) to appear to be quite absent from southwest and south Iceland. Yet I found it nicely fruiting on the lava-field at Hafnarfjörður.

Tortula mucronifolia (page 456) is recorded only from Vestmannaey³, but I have two specimens collected at Hafnarfjörður and Ísafjörður. There is no reason why this species should not be expected at least as far north as *T. subulata*, though I also found it less common.

Dissodon splachnoides (page 467) is said to be absent or very rare in the southwestern and southern part. But I found it growing nicely in a boggy place at the base of Ingólfssjall, near the bridge over the Ölfusá in the southern lowland.

Meesea triquetra (page 492) is recorded as found only sterile. I found the plant with capsules, not far from Reykjavík.

Glacier-rivers (page 548) are said to be entirely devoid of bryophyte vegetation, which may be largely true. Yet I noticed in the Ölfusá a short distance below the bridge, that a fish-net had brought up a good deal of *Fontinalis*, the presence of which one would not otherwise have suspected.

Pohlia polymorpha (pages 640, 643) is, on the basis of a single collection, recorded only from the "Mountain Region" (alt. 300–600 m.); but my own two localities, Hafnarfjörður and Lágafell, are lowland. Probably all or nearly all of the Iceland mosses of higher altitudes may be found descending to near the sea-level, though the lowland ones may not be expected to ascend in anything like the same proportion.

The illustrations are good and suggest the possibility of a considerably extended use of the camera in moss-study.

A. LE ROY ANDREWS

ITHACA, N. Y.

ANNUAL REPORTS—SULLIVANT MOSS SOCIETY—1918

Report of the President

The Armistice has lifted a load of care and trouble from a long-suffering world, and we are beginning to get reprints and publications from Central Europe which tell us what our old "*friendly enemies*" have been doing. They, too, have had difficulty in learning about our activities, for the *Botanisches Centralblatt* is giving abstracts of publications dating back to 1914–1916. The gift of

³ There is no singular Vestmannaey, but only the plural Vestmannaeyjar (a small group of islands just south of the Iceland coast). Hesselbo's collections were evidently made upon the larger inhabited island, whose name is Helmaey. Generally speaking the Icelandic names in this work are identifiable, but in a Danish work of the sort one expects them to be correct.

the Bossier Herbarium and Library to the University of Geneva was announced in March, 1918, and the Conservateur, M. Gustave Beauverd, becomes a member of the faculty of the Botanical Laboratory. The last word received about the library and herbarium of M. J. Cardot, formerly at Charleville, France, was a postal card from Leopold Loeske, from Berlin, dated February 28, 1916, in which he stated that the War Ministry had assured him that "Cardot's house was uninjured and his collections undisturbed." C. Warnstorf,¹ in Hedwigia, has described some new (?) species of mosses from Japan, South America, and Europe, among them *Funaria flaviseta*, *Climacium acuminatum*, and *Bryhnia angustifolia* from New York! L. Loeske² also reviews a paper by Warnstorf on *Sphagnum*, *Fontinalis*, *Pohlia* and *Grimmia*. K. Müller continues his contributions on the Hepatics to Rabenhorst's Kryptogamen-Flora.

From H. N. Dixon³ we recently have received two contributions on the mosses collected by the Smithsonian African Expedition of 1909-10, and from Prof. Borgensen⁴ a list of the mosses and lichens collected in the former Danish West Indies (1892-93 and 1895-96, 1905-1906) including two new species, *Trichostomum perviride* Broth. and *Bryum Raunkiaerii* Broth., both sterile specimens.

Since my last report, various members have been active in Red Cross work, notably Dr. Nichols⁵ at Yale, who has been demonstrating the value of *Sphagnum* in surgical dressings; Dr. Evans volunteered for Red Cross work in France, but the armistice came in time to stop his going. He completed the MSS of the *Marchantiales* for N. A. Flora, to which Dr. Howe has contributed the *Ricciaceæ*. It is not necessary to enumerate the work of the BRYOLOGIST. During the year, some of the Arctic collections made by the Macmillan Expedition in Northern Greenland and those collected by the Canadian Arctic Expedition have been received. Mr. Williams⁶ has listed some of the mosses and lichens collected in Grant Land by the Peary Arctic Expedition. Miss Coker,⁷ under my direction, has revised the North American species of *Encalypta*, and we have reduced the number of species from 18 to 8. A notable departure has been made in the Flora of Bermuda,⁸ by including the mosses, hepatics, and lichens with reading chapters on the Algae and fungi, the mosses contributed by E. G. Britton; the hepatics by Dr. A. W. Evans; the lichens by Dr. L. W. Riddle; the Algae by Dr. M. A. Howe, and a brief account of the fungi, thus far imperfectly known, by Dr. F. J. Seaver. The Flora of the Bahamas, now going through the press, will also include these groups of flowerless plants.

¹ Bryophyta nova Europæa et Exotica 57: 62-131. 62 figures. 1915.

² op. cit. 6: (28) 849-947. 1916.

³ Smithsonian Misc. Coll. Volume 69: Nos. 2 and 8. 1918. [See also BRYOLOGIST 21: 93 and 95. Nov., 1918.]

⁴ Dansk. Bot. Ark. 2: No. 9. 1918.

⁵ Journal N. Y. Bot. Garden 19: 203-220. 1918.

⁶ Torreyia 18: 210-211. 1918.

⁷ Bull. Torrey Club Bot. 45: 433-449. Pls. 13, 14. Nov. 15. 1918.

⁸ Flora of Bermuda, by Nathaniel Lord Britton. 585 pp. XI. Illustrated by 519 cuts, in text, with colored frontispiece. Charles Scribner's Sons, 1918.

During the year a new American Botanical Abstracts magazine has begun publication, of which one number has been issued; Dr. J. R. Schramm, of Cornell University, is in charge of the taxonomic work for the flowerless plants, and Dr. A. LeRoy Andrews has consented to take charge of the bryological abstracts. It behooves us all to assist him in any way that we can and to send him copies of all our publications.

ELIZABETH G. BRITTON, *President*.

NEW YORK BOTANICAL GARDEN.

Report of the Secretary-Treasurer

In submitting the annual report for the past year, the Secretary-Treasurer almost fears that the members of the Sullivant Moss Society may feel that more of explanation is due them than any record of accomplishment. There have been so many demands upon the time of every member and so many interruptions, that all must have felt that the work of the Society has become largely secondary. In particular, the loss of proofs in the mails, the confused state of the printing trade, and the demands upon the Editor's time made by necessary war work, have so greatly delayed the issues of the *BRVOLOGIST* that, up to the present writing, only four numbers have been published for the current year. Particular thanks is due the members of the Society for the patience they have shown in putting up with this delay. We all hope most sincerely that it may soon be possible to bring the appearance of the magazine up to date, and avoid delays.

The response to the circular letter regarding elections, which was sent out the middle of November, has been most gratifying. The circular was sent to all members resident in the United States and Canada, postal conditions rendering it useless to send to others. Fifty-seven replies were received previous to December 7, and all of these were unanimous in voting that the present board of officers be continued for another year. Accordingly, the officers for 1919 are: *President*, Mrs. Elizabeth G. Britton; *Vice-president*, Mrs. Annie Morrill Smith; *Secretary-Treasurer*, Mr. Edward B. Chamberlain. The large response to the circular leads the Secretary to suggest that in the future all matters pertaining to the election of officers be handled in this manner, as the expense is trifling compared with the gain in promptness and in the expression of personal opinion.

No meeting of the Sullivant Moss Society was held in December, 1917, but plans were early laid for one in December, 1918, at Boston, in connection with the convocation week exercises of the American Association for the Advancement of Science. Early in March, however, word was received from the Secretary of the Association that the Executive Committee had decided to change the place of meeting to Baltimore, and to make the meetings limited in the matter of programme to matters connected closely with the great war. Under these circumstances, and in view of the increase in railroad rates, the lack of housing accommodations in Baltimore, and the probable small attendance, the

Advisory Board of the Society decided it would be best to abandon the proposed meeting. An effort was made, however, to have the Society represented by an exhibit of the usefulness of sphagnum in surgical dressings, of which Mr. Plitt very kindly took charge.

The membership of the Society now totals 142, a total increase of eight over last year. Two members have died, Mr. S. L. Schumo, of Philadelphia, and Dr. G. G. Kennedy, of Readville, Mass., and two others have not been heard from during the past year. As, under the regulations of the Post Office Department, the BRYOLOGIST cannot be sent to members *more than two issues in arrears* unless a definite promise of payment is received, the Secretary has been reluctantly compelled to suspend the magazine to those members who have not paid. To balance these losses, twelve new members have joined the Society. A complete list of new members and of changes in address since August, 1918, is given in this issue of the BRYOLOGIST.

The offerings of specimens, through the columns of the magazine, show an increase over the total of last year, and in comparing the results it is to be remembered that only four issues for 1918 have appeared. Twenty-four different species have been offered, all but one of which have been mosses. The force of last year's comment, that in war times hobbies suffer, has been shown true, but the Secretary sincerely hopes that during the coming year a great increase in the amount of material offered may show that the neglected hobbies are again being exercised. The most depressing feature, however, is not the small number of species offered, but the few requests for them that are received. During the past year the Secretary has offered eight species, all somewhat uncommon, and some rare: not more than a dozen different members have availed themselves of the opportunity of securing specimens. From reports received from others who have offered material, the Secretary concludes that his experience is not unique. It seems too bad that there is so little interest in this matter.

The financial statement appended below shows that the Society is still solvent. By cutting down the size of editions, costs have been kept well within previous figures, and it has been possible to repay advances made by Dr. Frye for plates, and by Mrs. Hasse on the charges for the shipments of Dr. Hasse's duplicates. From the balance on hand as shown by the report about seventy dollars should be deducted to cover the probable costs of the September and November issues of the BRYOLOGIST, thus leaving a balance of about sixty dollars to be carried on for next year.

In the matter of cutting down the size of the editions, however, the Secretary confesses that he rather overdid things, and that as a result the Society is short of copies of the numbers from September, 1917, to July, 1918, especially of the March, 1918, issue. Will members who may have any spare copies of these issues please communicate with the Secretary, in order that it may be possible to supply sets to those who in the future wish to purchase, and to make good the demand for lost copies that will in all probability come from foreign members.

In conclusion, the Secretary wishes to extend to all the members, and especially to those just joining the Society, his best wishes and heartiest greetings for the coming years.

SUMMARY OF ACCOUNTS

RECEIPTS

Balance on hand, December 1, 1917.....	\$ 63.21
Dues for current year.....	170.90
Subscriptions for current year.....	59.08
Arrears collected, dues and subscriptions.....	14.85
Dues and subscriptions for coming year, already paid.....	18.09
Sales of back numbers.....	33.09
Incidental receipts, advertising, etc.....	14.88
Sales of Hasse Lichens.....	33.00
Advance from Dr. Frye, on plates.....	22.00
	<hr/>
	\$429.10

EXPENDITURES

Printing and stationery.....	\$ 6.25
Postage, bank fees, and incidentals.....	7.11
Herbarium expense.....	10.04
Express charges.....	13.31
Labels for Hasse Lichens.....	3.11
Plates for BRYOLOGIST.....	32.75
Printing BRYOLOGIST (Nov., 1917-July, 1918).....	166.91
Repayment to Dr. Frye.....	22.00
Repayment to Mrs. Hasse.....	40.00
	<hr/>
	\$301.48
Cash on hand, November 30, 1918.....	127.62
	<hr/>
	\$429.10

Respectfully submitted,
EDWARD B. CHAMBERLAIN,
Secretary-Treasurer.

Report of the Curator of the Moss Herbarium for 1918

Among faithful workers who have contributed to the Moss Herbarium during the past year have been: Mrs. E. G. Britton, R. S. Nanz, J. M. Grant, C. H. Demetrio, S. Rapp, Miss Daisy Levy, Mrs. R. Lowe, Mrs. E. M. Dunham, H. Dupret, and others.

The year has brought such unusual conditions of other activities for almost all of our members that bryological interests have not been quite so energetically pursued as usual, but we hope that the brighter outlook for 1919 may bring renewed correspondence and collections, so that another year we may have large figures to report of additions to the Herbarium which this year are purposely omitted. The Curator is ready to give a helping hand, insofar as he is

able, to those who may send material to him for determination. Let us establish a new and excellent record for the ensuing year.

GEORGE B. KAISER, *Curator*.

232 MT. PLEASANT AVE., MT. AIRY, PHILADELPHIA, PA.

DECEMBER, 1918.

Report of the Curator pro-tem of the Hepatic Department

Only 120 specimens have been added to the Hepatic Herbarium, making the number 5909. The collectors represented are the following: Geo. M. Pendleton, who found two additional stations for the rare *Cephalozia affinis* in California; S. H. Burnham; J. M. Grant; J. Evans, *Clevea hyalina* from Washington; Geo. B. Kaiser gave two Southern species collected by Mrs. J. M. Fox; Rev. Demetrio gave two northern species collected by Prof. Macoun and Rev. Mueller; C. C. Haynes a small set of Pearson's British Exsiccatae, etc.

Capt. Conklin did not forget us, having sent an interesting looking set of French hepatics collected near Vichy; he being in charge of a ward in Base Hospital No. 1, located there. Mr. G. K. Merrill, who is sending us Maine hepatics, is heartily welcomed to our list of contributors. These specimens, together with various "left-overs," are being slowly worked up and will be reported on next year.

Prof. A. W. Evans has given eleven reprints from the *Journal of Botany* of W. S. Pearson's descriptions and figures of British hepatics and his papers on the botanical works of Gottsche and Benjamin Carrington. The library connected with this Department is steadily increasing in size and importance. Gifts of reprints are requested from members.

CAROLINE C. HAYNES, *Curator pro-tem*.

HIGHLANDS, NEW JERSEY.

Report of the Lichen Department for 1918

During the past year four more fascicles of the *Lichenes Exsiccati*, duplicates from Dr. Hasse's large collections, have been distributed. This makes in all ten fascicles of 25 specimens each, each species being described in Dr. Hasse's "Lichen Flora of Southern California." There remains on hand still enough material to make, perhaps, two more fascicles, thus completing three centuries. However, as but a slight amount of this material is described in the "Lichen Flora of Southern California," and in the later articles in the *BRYOLOGIST*, it is considered wiser to delay the issue of further fascicles after number ten, until a more detailed report upon the material can be given. This last may take considerable time, but when completed all subscribers to the earlier sets will be notified.

As stated in the Report for 1917, all the complete sets of the Exsiccati have been subscribed for. There is, however, much material, duplicating specimens issued in the sets, which can be sold in lots of 25, 50, or 100 specimens, upon

selection by the purchaser. Upon this material slightly lower rates will obtain than those charged for the full sets. A package of 25 specimens will be sold for \$1.25; of 50, for \$2.25; and of 100, for \$4.00. Members desiring Californian lichens should take advantage of this opportunity.

The herbarium has been increased by a representation of all the species distributed in the Hasse lichen exsiccati during the year, and also by the following donations: Mr. J. M. Grant, from Washington; Mrs. M. A. Noble, from Florida; Mr. Frank Dobbin, from New York; Mr. J. Evans, from Washington; and Rev. P. G. M. Rhodes, from England. To all these members the Curator wishes to express his sincere thanks and appreciation. The additions total 125 specimens, which brings the total number of specimens in the Society Herbarium to 3385.

Respectfully submitted,

CHARLES C. PLITT, *Curator*.

BALTIMORE, MD., DECEMBER 18, 1918.

CORRECTIONS AND ADDITIONS—ADDRESS LIST, SULLIVANT MOSS SOCIETY

The present list gives all changes of address and all additions to the membership of the Society which have come to the knowledge of the Secretary from August 1, 1918, to November 30, 1918. It is supplementary to lists published in the *BRYOLOGIST* for January, March, and September, 1918.

NEW MEMBERS

Miss M. H. Best.....616 Madison Ave., New York City.
Mr. James L. Blackmer.....107 Penhurst Park, Buffalo, N. Y.
Mrs. Abigail Butler.....6730 Normal Ave., Chicago, Ill.
Mr. R. Thomas Hutchinson.....633 Christian St., South Bethlehem, Pa.
Mrs. Alice I. Irvine.....Palos Park, Ill.
Dr. Robert T. Morris.....616 Madison Ave., New York City.

CHANGES OF ADDRESS

Miss Lydia Prichett Borden.....306 North High St., Bethlehem, Pa.
Mrs. Joseph M. Fox.....125 West Springfield Ave., Chestnut Hill, Pa.
Prof. N. L. T. Nelson.....Goodhue, Minn.
Mrs. Thomas Spencer.....1241 Belle Ave., Lakewood, Ohio.

Cardot's collections ravaged.—M. Jules Cardot, whom our readers know as one of the foremost living bryologists, has returned to his home at Charleville, up near the middle of the Belgian border, only to find the furniture smashed or stolen, family portraits torn to pieces, books torn and scattered about from cellar to attic, botanical collections thrown pell-mell on the floor of the attic and scientific books torn and mixed up and thrown down on top of them, and, besides all that, valuable parts of the collections are missing: all the unstudied material, a Japanese collection of over 5,000 specimens and including a large number of new species, and other collections from Saghalin, Juan Fernandez, and the